

06/07/99
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PTO/SB/05 (4/98)
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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</i>	Attorney Docket No.	678-287 (P8749-US/STN/1sd)
	First Inventor or Application Identifier	Chang-Soo Park
	Title	DEVICE AND METHODS FOR CHANNEL CODING
	Express Mail Label No.	EL260889023US

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Assistant Commissioner for Patent Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification (Total Pages <input type="text" value="40"/> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 	6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) (Total Sheets <input type="text" value="16"/> 4. Oath or Declaration (Total Pages <input type="text" value="3"/> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 16 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 	ACCOMPANYING APPLICATION PARTS <ul style="list-style-type: none"> 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 13. <input type="checkbox"/> * Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired <i>(PTO/SB/03-12)</i> 14. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 15. <input type="checkbox"/> Other: _____

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label _____ or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Paul J. Farrell, Esq.				
	DILWORTH & BARRESE				
Address	333 Earle Ovington Boulevard				
City	Uniondale	State	New York	Zip Code	11553
Country	U.S.A.	Telephone	(516) 228-8484	Fax	(516) 228-8516

Name (Print/Type)	Paul J. Farrell, Esq.	Registration No. (Attorney/Agent)	33,494
Signature	<i>Paul J. Farrell</i>	Date	6/7/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 1,358.00

Complete if Known

Application Number	
Filing Date	June 7, 1999
First Named Inventor	Chang-Soo Park
Examiner Name	
Group / Art Unit	
Attorney Docket No.	678-287 (P8749-US/STN/1sd)

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number
Deposit
Account
Name

04-1121

DILWORTH & BARRESE

- ☒
- Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17
- ☐
- Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

- 2.
- ☒
- Payment Enclosed:

☒ Check
 ☐ Money Order
 ☐ Other
FEE CALCULATION**1. BASIC FILING FEE**

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	760	201 380	Utility filing fee	760.00
106	310	206 155	Design filing fee	
107	480	207 240	Plant filing fee	
108	760	208 380	Reissue filing fee	
114	150	214 75	Provisional filing fee	
SUBTOTAL (1)				(\$ 760.00)

2. EXTRA CLAIM FEES

	Total Claims	Extra Claims	Fee from below	Fee Paid
	38	-20** = 18	X 18.00	= 324.00
	6	-3** = 3	X 78.00	= 234.00
Multiple Dependent				

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103	18	203 9	Claims in excess of 20	
102	78	202 39	Independent claims in excess of 3	
104	260	204 130	Multiple dependent claim, if not paid	
109	78	209 39	** Reissue independent claims over original patent	
110	18	210 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)				(\$ 558.00)

3. ADDITIONAL FEES

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65	Surcharge - late filing fee or oath	
127	50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139 130	Non-English specification	
147	2,520	147 2,520	For filing a request for reexamination	
112	920*	112 920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115	110	215 55	Extension for reply within first month	
116	380	215 190	Extension for reply within second month	
117	870	217 435	Extension for reply within third month	
118	1,360	218 680	Extension for reply within fourth month	
128	1,850	228 925	Extension for reply within fifth month	
119	300	219 150	Notice of Appeal	
120	300	220 150	Filing a brief in support of an appeal	
121	260	221 130	Request for oral hearing	
138	1,510	138 1,510	Petition to institute a public use proceeding	
140	110	240 55	Petition to revive - unavoidable	
141	1,210	241 605	Petition to revive - unintentional	
142	1,210	242 605	Utility issue fee (or reissue)	
143	430	243 215	Design issue fee	
144	580	244 290	Plant issue fee	
122	130	122 130	Petitions to the Commissioner	
123	50	123 50	Petitions related to provisional applications	
126	240	126 240	Submission of Information Disclosure Stmt	
581	40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146	760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249 380	For each additional invention to be examined (37 CFR 1.125(b))	
Other fee (specify) _____				
Other fee (specify) _____				
SUBTOTAL (3)				(\$ 40.00)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name Paul J. Farrell, Esq.

Signature

Date

6/7/99

Complete (if applicable)

Reg. Number 33,494

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT

Atty. Docket No. 678-287 (P8749-US/STN/lsd)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of
Inventor(s): CHANG-SOO PARK and HYEON-WOO LEE

For: DEVICE AND METHODS FOR CHANNEL CODING AND RATE MATCHING
IN A COMMUNICATION SYSTEM

Enclosed are:

- [X] 40 page(s) of specification
(including **claims** and **abstract**)
- [X] 16 sheets of drawings [X] **formal** [] **informal**
- [X] 3 page(s) of Declaration and Power of Attorney
- [X] An Assignment of the invention to SAMSUNG ELECTRONICS
CO., LTD.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date June 7, 1999 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL260889023US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

George Likourezos
(Type or print name of person mailing paper)


(Signature of person mailing paper)

[] This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s)..
APPLICATION NO(S)..
_____/_____
_____/_____

FILING DATE

[X] Certified copy of applications

Country

Appln. No.

Filed

Korea

20990/1998

June 5, 1998

from which priority under Title 35 United States Code, § 119 is claimed
[] is enclosed.

[X] will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Extra	Rate	Basic Fee \$ 760.00
Total				
Claims*	38	-20 = 18	x \$ 18.00	\$ 324.00
Independent				
Claims	6	-3 = 3	x \$ 78.00	\$ 234.00
Multiple	[] yes	Add'l. Fee	\$270.00	\$
Dependent				
Claims	[] no	Add'l. Fee	None	= \$

TOTAL **\$1,318.00**

[] Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$_____.

[X] The amount of \$40.00 for recording the attached Assignment is enclosed.

[X] A check in the amount of \$ 1,318.00 to cover the filing fee(s) is attached.

[] Charge fee to **Deposit Account No. 04-1121**. Order No. _____
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

*Includes all independent and single dependent claims and all claims referred to in multiple claims.
See 37 C.F.R. § 1.75(c).

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

[X] Address all future correspondence to:

Paul J. Farrell, Esq.
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Date: June 7, 1999


SIGNATURE OF ATTORNEY

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